GOVERNMENT OF INDIA
ATOMIC ENERGY
LOK SABHA

UNSTARRED QUESTION NO:4301
ANSWERED ON:24.08.2005
TRANSFER OF TECHNOLOGIES
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Will the Minister of ATOMIC ENERGY be pleased to state:

(a) whether various technologies developed by Bhabha Atomic Research Centre(BARC) has been transferred to industry during 2004-05;

(b) if so, the details in this regard;

(c) whether the Department of Atomic Energy gets royalty in lieu of transfer of its technology;

(d) if so, the details thereof alongwith royalty received by department during 2004-05; and

(e) the details of the various technologies likely to be developed during 2005-06?

Answer

THE MINISTER OF STATE IN THE PRIME MINISTER`S OFFICE (SHRI PRITHVIRAJ CHAVAN):
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(a) Yes, Sir.

(b) The following nine technologies were transferred to 15 different industries:

1. FDK-Fluoride Detection Kit
2. Lascan Dia Gauge
3. Banana Juice Extraction Process
4. Vibro-Thermal Disinfestor
5.On-line Domestic Water Purifier based on Ultrafiltration Polysulfone Membrane
6. Low background Gas Flow Beta Counter
7 Acceleration-deceleration Control Valve and circuit for Hydraulic Lift
8. Kitchen waste based Bio Gas Plant
9. Cobalt-60 Teletherapy Machine

(c) The transfers are on a non-exclusive basis generally for a lump sum technology transfer fee and without any royalty. The Department of Atomic Energy gets royalty in some past cases of technology transfer.

(d) The royalty received by the department during the financial year 2004-2005 is Rs. 2,11,130/- for Boron Carbide Technology.

(e) The list of technologies likely to be developed during the financial year 2005-2006 are :

1. Filmless digital Medical Imaging System
2. Micro propagation of Banana Plants
3. Medical Analyzer
4. High purity Gallium
5. High purity Arsenic
6. Radiation Processing of Urban Sludge
7 USB based multi channel Analyzer Card
8. Multi Channel Acoustic Emission Analyzer
9. Charge Sensitive Preamplifier